

02833.4001LO

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
(Div. of U.S. Patent Appln. No. 09,674,674	:	
filed November 3, 2000)	)	
	:	Examiner: UNASSIGNED
BIRGER SÖRENSEN	)	
	:	Group Art Unit: UNASSIGNED
Application No.: UNASSIGNED	)	
	:	
Filed: September 11, 2003	)	
	:	
For: HIV PEPTIDES, ANTIGENS,	)	
VACCINE COMPOSITIONS,	:	
IMMUNOASSAY KIT AND A	)	
METHOD OF DETECTING	:	
ANTIBODIES INDUCED BY HIV	)	September 11, 2003

Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the enclosed Form PTO-1449.

These documents were previously cited during the prosecution of parent Application No. 09/674,674. Accordingly, no copies are being provided herewith, in accordance with 37 CFR 1.98(d).

FEE OR STATEMENT

No fee or statement is required in connection with this Information Disclosure Statement, since it is being submitted prior to (1) the issuance of a first official action on the

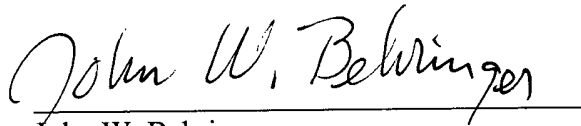
merits and (2) expiration of the three-month period following filing of the above-captioned application.

REMARKS

It is respectfully requested that the cited information be considered by the Examiner and that an annotated copy of the enclosed Form PTO-1449 be returned with the next official communication, indicating that such information has been considered.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted

A handwritten signature in cursive script that reads "John W. Behringer". The signature is written in dark ink and is positioned above a horizontal line.

John W. Behringer  
Registration No. 23,086  
Attorney for Applicant

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) Submitted: September 11, 2003				ATTY DOCKET NO. <b>02833.4001LO</b>		APPLICATION NO. <b>Div. of 09/674,674</b>	
				APPLICANT <b>BIRGER SÖRENSEN</b>			
				FILING DATE <b>September 11, 2003</b>		GROUP <b>Unassigned</b>	
U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>98/40744</b>	<b>9/1998</b>	<b>WIPO</b>			<b>Yes</b>
		<b>96/27013</b>	<b>9/1996</b>	<b>WIPO</b>			<b>No</b>
		<b>95/11255</b>	<b>4/1995</b>	<b>WIPO</b>			<b>No</b>
		<b>94/28871</b>	<b>12/1994</b>	<b>WIPO</b>			<b>Yes</b>
		<b>91/13360</b>	<b>9/1991</b>	<b>WIPO</b>			<b>Yes</b>
		<b>0 356 007</b>	<b>2/1990</b>	<b>WIPO</b>			<b>Yes</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Journal of Virology, vol. 73, no. 1, January 1999, Kavita S. Lole et al., "Full-length Human Immunodeficiency Virus Type 1 Genomes from Subtype C-Infected Seroconverters in India, with Evidence of Intersubtype Recombination," pp. 152-160.</b>					
		<b>Nature, vol. 354, December 1991, Rodney E. Phillips, "Human Immunodeficiency virus genetic variation that can escape cytotoxic T cell recognition," pp. 453-459.</b>					
		<b>Human Retroviruses and Aids, Bette Korber et al., "Protein Alignment Summary Table (Gag)," II-A-1 to II-A-15, December 1997.</b>					
		<b>Virology, vol. 2, June 1994, Gabriel Zwart et al., "Antibody Responses to HIV-1 Envelope and GAG Epitopes in HIV-1 Seroconverters with Rapid versus Slow Disease Progression," pp. 285-293.</b>					
		<b>Proceedings of the National Academy of Sciences, vol. 91, no. 23, November 8, 1994, Douglas F. Lake et al. "Autoantibodies to the <math>\alpha/\beta</math> T-cell receptors in human immunodeficiency virus infection: Dysregulation and mimicry," pp. 10849-10853.</b>					
		<b>Clinical and Experimental Immunology, vol. 87, no. 1, January 1992, S.J.D. Bell et al., "Definition of an immunodominant T cell epitope contained in the envelope gp41 sequence of HIV-1," pp. 37-45.</b>					
EXAMINER				DATE CONSIDERED			

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS							
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
		<b>0 270 114</b>	<b>12/1987</b>	<b>EPO</b>			<b>No</b>
		<b>2 188 639</b>	<b>10/1987</b>	<b>United Kingdom</b>			<b>Yes</b>
		<b>3711016</b>	<b>4/1987</b>	<b>Germany</b>			<b>No</b>
		<b>0 230 222</b>	<b>7/1987</b>	<b>EPO</b>			<b>Yes</b>
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)							
		<b>Nature, vol. 369, no. 6479, June 2, 1994, Paul M. Allen et al., "Promethean viruses," p. 355.</b>					
		<b>Nature, vol. 369, no. 6479, June 2, 1994, Paul Klenerman, et al., "Cytotoxic T-cell activity antagonized by naturally occurring HIV-1 Gag variants," pp. 403-407.</b>					
		<b>Nature, vol. 369, no. 6479, June 2, 1994, Antonio Bertoletti et al., "Natural variants of cytotoxic epitopes are T-cell receptor antagonists for antiviral cytotoxic T cells," p. 407.</b>					
		<b>Immunology and Cell Biology, vol. 72, issue 6, December 1994, Gordon Ada, "Twenty years into the saga of MHC-restriction," pp. 447-454.</b>					
		<b>Journal of Immunology, vol. 147, no. 5, September 1, 1991, R.P. Johnson et al., "HIV-1 gag-Specific Cytotoxic T Lymphocytes Recognize Multiple Highly Conserved Epitopes" "Fine Specificity of the gag-Specific Response Defined by Using Unstimulated Peripheral Blood Mononuclear Cells and Cloned Effector Cells," pp. 1512-1521.</b>					
		<b>Science, vol. 278, November 21, 1997, Eric S. Rosenberg et al. "Vigorous HIV-1-Specific CD4<sup>+</sup> T Cell Responses Associated with Control of Viremia," pp. 1447-1450.</b>					
		<b>Novelty Search Report issued by the Hungarian Patent Office on February 27, 2002 in counterpart Hungarian application (i.e., P0200265).</b>					
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